

## SEQUENCE LISTING

<110> Morin, Gregg B.  
Lichtsteiner, Serge  
Vasserot, Alain  
Adams, Robert R.  
Geron Corporation

<120> Telomerase Reverse Transcriptase Transcriptional  
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<130> 019/246P

<140> 09/244,438

<141> 1999-02-04

<160> 23

<170> PatentIn Ver. 2.1

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<223> Human TERT promoter

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 Met in pGRN262

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 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: COD2866

<400> 14  
 cagcatcttt tactttcacc agcgtttctg ggtgcgcaaa aacaggaagg caaaatg

57

<210> 15  
 <211> 58  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: RA104

<400> 15  
 taggtaccga gctcttacgc gtgctagccc ctcccagccc ctccccttcc ttccgcg

58

<210> 16  
 <211> 33  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: RA122

<400> 16  
 gaccgcgctt ccactcagc ggagggactg ggg

33

<210> 17  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <223> Human TERT promoter

<400> 17  
 caggccgggc tcccagtgga ttgcggggca cagacgcca ggaccgcgt tcccacgtgg 60  
 cggagggaact ggggacccgg gcaccggtcc tgccccttca ccttcagct ccgcctcctc 120  
 cgcgcggacc ccgccccgtc ccgaccctc ccgggtcccc ggcccagccc cctccggggc 180  
 ctcccagccc ctccccttcc ttcccgcggc ccgcccctct cctcgcggcg cgagtttcag 240  
 gcagcgctgc gtccgtctgc gcacgtggga agccctggcc ccggccaccc ccgcgatg 298

<210> 18  
 <211> 262  
 <212> DNA  
 <213> Mus sp.

<220>  
 <223> Mouse TERT promoter

<400> 18  
 cagcaaccac tgaacttggc cggggaacac acctggctct catgcaccag cattgtgacc 60  
 atcaacggaa aagtactatt gctgcgaccc cgccccttcc gctacaacgc ttggtccgcc 120  
 tgaatccgc cccttcctcc gttcccagcc tcatctttt cgtcgtggac tctcagtggc 180  
 ctgggtcctg gctgttttct aagcacaccc ttgcatcttg gttcccgcac gtgggaggcc 240  
 catcccggcc ttgagcaca tg 262

<210> 19  
 <211> 77  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <223> Human TERT promoter

<400> 19  
 ctgcgggcgc gagtttcagg cagcgctgcg tcctgctgcg cacgtgggaa gccctggccc 60  
 cggccacccc cgcgatg 77

<210> 20  
 <211> 89  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: E-box reporter  
 construct

<400> 20  
 ctgcgggcgc gagtttcagg cagcgctgcg tcctgctgcg cacgtgggaa gccctggccc 60  
 cggccacccc cgcgaattcg cccaccatg 89

<210> 21  
 <211> 56  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: E-box reporter  
 construct (with portion deleted)

<400> 21  
 ctgcgaggcg gagtttcagg cagcgctgcg tctgctgcc gaattcgccc accatg 56

<210> 22  
 <211> 497  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <223> Human TERT promoter

<400> 22  
 actccagcat aatctttctgc ttccatttct tctcttcct cttttaaaat tgtgttttct 60  
 atgttggtt ctctgcagag aaccagtgtg agctacaact taacttttgt tggaacaaat 120  
 tttccaaacc gcccttttgc ctagtgga gagacaattc acaaacacag ccctttaaaa 180  
 aggttaggg atcactaagg ggatttctag aagagcgacc cgtaatccta agtatttaca 240  
 agacgaggct aacctccagc gacggtgaca gccagggag ggtgcgaggc ctgttcaaat 300  
 gctagctcca taaataaagc aatttcctcc ggcagtttct gaaagtagga aaggttacat 360  
 ttaagggttc gtttggttagc atttcagtgt ttgccgacct cagctacagc atccctgcaa 420  
 ggctcggga gaccagaag tttctcgccc cttagatcca aacttgagca acccgagtc 480  
 tggattcctg ggaagtc 497

<210> 23  
 <211> 425  
 <212> DNA  
 <213> Mus sp.

<220>  
 <223> Mouse TERT promoter

<400> 23  
 caagtgtgca ccaccatgcc ccgcgatatt cttatttttg agactgtttt ctatgctggg 60  
 ttctttggg aactacacta aggtagcttc attgttgga taaatttctc agttcaggcc 120  
 catatctcct aagtagcaga actaagcaaa tctcaaaca acccctcaa aagactgatg 180  
 tccactaaac ggacttctaa aatagctcct gtaatcctga gcatttaca ggcggcagac 240  
 ctctataag ggagtaaata tgaaaacgcg cctgttcaaa tgctaggctg gtggatagaa 300  
 gcaatttcct cagaaagctg aaggcaccac aggttatatt tgtagcatt tcagtgtttg 360  
 ccaaactcag ctacagtaga gatcacagat tccctatttc ccagagattc aaaattcagc 420  
 agccc 425